PTO/SB/08A (07-05) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Sale required to respond to a collection of information unless it contains a valid OMB control number Complete if Known				
	INCODESAT	ION DIGGL GOLDE	Application Number	10/595,533				
		ION DISCLOSURE		04/26/2006				
	SIATEMEN	IT BY APPLICANT	First Named Inventor	CRAIG, Martin et al.				
	#1		Art Unit	To Be Assigned				
(Use as many sheets as necessary)		Examiner Name	To Be Assigned					
\	Sheet 1	of 2	Attorney Docket Number	046430.020 (updated)				

			U.S. PATENT	OCUMENTS		
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		Number - Kind Code ² (if known)			Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
		US-	***************************************		Figures Appear	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-		100		
		US-		w		
		US-				
		US-	10			
		US-				
		US-				
		U\$-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner	Cite No. ¹	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	Т ⁶
Initials*		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
		G 88 03 377.5	06-23-1988	RINGSDORFF- WERKE GMBH		
				W		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B(07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO Complete if Known Application Number 10/595,533 INFORMATION DISCLOSURE Filing Date 04/26/2006 STATEMENT BY APPLICANT First Named Inventor CRAIG, Martin et al. Art Unit To Be Assigned (Use as many sheets as necessary) Examiner Name To Be Assigned Sheet 2 of 2 Attorney Docket Number 046430.020 (updated)

NON PATENT LITERATURE DOCUMENTS					
Examiner Cit No		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		KANG, Sung Chul et al., "Temperature-Independent Strain Sensor System Using a Tilted Fiber Bragg Grating Demodulator," IEEE Photonics Technology Letters, October 1998, Pages 1461-1463, Vol. 10, No. 10, IEEE, Piscataway, NJ			
		WARD, Mark, "Keeping better track of trains," New Scientist, December 2, 1995, Page 25, New Scientist, United Kingdom	_		
	• "	http://www.vtt.fi/tuo/74/projects /conmo.htm, "Condition monitoring of high temperature power plant components using metal embedded fibre optical Bragg-gratings," VIT Industrial Systems			
		ECKE, Wolfgang et al., "On-line characterization of impacts on electrical train current collectors using integrated optical fiber grating sensor network," Smart Structures and Materials 2005: Modeling, Signal Processing, and Control, Edited by Ralph C. Smith, Proceedings of the SPIE, May 2005, Pages 114-123, Vol. 5758, SPIE - The International Society for Optical Engineering, Bellingham, WA			
		"Pantograph Condition Monitoring," British Rail Research, Pages 1-4, British Rail Research, Derby, England			
			_		
	776				

Examiner Signature	/Robert Mccarry Jr/	Date Considered	01/30/2009
-----------------------	---------------------	--------------------	------------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line inrough citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.